

Mathematics Achievement Fund Update

A Monthly Update for the Mathematics Achievement Fund Grant

October 2013

Volume 2 – Issue 3

Mathematics
Achievement
Fund
Diagnostic and
Intervention
Services



Question of the Month: How can I use my time as a MIT?

Recently, I have received several questions regarding the use of a Mathematics Intervention Teacher's time specific to the grant requirements. Student and school needs vary, but it is important to remain in compliance with the grant. If you are unsure about the use of time, contact me with specific questions. Please see the following requirement from the 2013-2014 Mathematics Achievement Fund District Assurance:

Funded schools may choose one of the following implementation models for the 2013-2014 school year:

1. full-time MAF-funded intervention teacher (e.g., a 1.0 or two 0.5 certified individuals)
2. half-day MAF-funded intervention teacher

Since the Mathematics Achievement Fund grant stipulates a minimum of half-time MAF devoted to intervention students, the other half of the intervention teacher's time is flexible for collaborative work with other primary grade teachers. In the event the second option above is selected, schools will need to ensure that the intervention needs of students are met before any collaborative work with other primary grade teachers is considered.

If you have questions regarding the use of time, please contact me via email or phone for assistance.

Thank you – Pamela Pickens

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Open Online Course for Educators

Registration is now open for the next Mathematics Learning Trajectory (MLT) MOOC-Ed (Massive Open Online Course for Educators)! Running from October 7 through November 25, the seven-week course is designed as professional development for anyone involved in mathematics education and in implementing the K–8 Common Core Math Standards at the classroom, school, or district level. The first course, "The Equipartitioning Learning Trajectory: a K-5 Foundation for Rational Number Reasoning," examines how equipartitioning, grounded in fair sharing activities that create equal-sized groups or parts, provides a robust foundation for students' conceptual understanding of division, multiplication, fraction, and ratio.

[View Video \(2 minutes\)](#)

[View Flyer \(printable\)](#)

[Visit the Course Site \(information and registration\)](#)

Department of Education

Office of Next-Generation Learners
Division of Learning Services
Differentiated Learning Branch

Division Director: Johnny Collett

Branch Manager: April Pieper

Mathematics Intervention Consultant: Pamela Pickens

Yearly KDE Requirements:

Beginning of the School Year

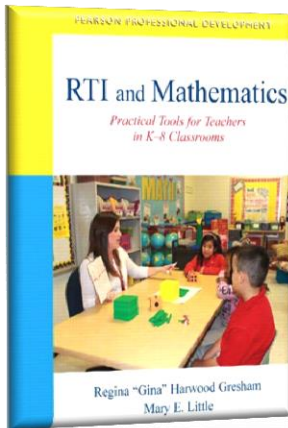
- ☒ Assurance Statement and Budget Summary

Middle of the School Year

- ☐ DOR Submission
- ☐ MIT Grant Survey

End of the School Year

- ☐ DOR Submission
- ☐ MIT End-of-Year Survey



Recommended Reading

RTI and Mathematics: Practical Tools for Teachers in K-8 Classrooms

by Regina Gresham and Mary E. Little (Sep 17, 2012)

This interactive, practical resource gives educators sound knowledge and expertise for successfully implementing RTI in mathematics and addressing the challenges involved. *RTI and Mathematics* clarifies and describes the issues of RTI, the connections among teachers' knowledge and skills and their use with RTI, and the role of the teacher within the classroom and school, and provides evidence-based content, scenarios, examples, resources, and activities; modeling description; and reflection upon the key learning outcomes of RTI.

Upcoming Dates

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|---|---|
| October 25th | Fall MQI Video Recording of Lesson for KCM |
| November 1st | Fall DOR Submission Deadline for KCM and KDE
Submit to pamela.pickens@education.ky.gov and mitdata@nku.edu |
| November 6th – 8th | NCTM Regional Conference – Louisville, Kentucky |
| November 15th | Fall MQI Video Lesson and Form Submission Deadline for KCM (All MITs) |

Wonderful Website

National Council of Teachers of Mathematics (NCTM) is now on **Pinterest**

Illustrations provides free resources for math educators of pre-K through grade 12 and is a part of the National Council of Teachers of Mathematics and the Verizon Thinkfinity program. NCTM Illustrations is now using Pinterest, an online pinboard to collect and share what inspires you. So many teachers are using Pinterest to share ideas, now you can follow NCTM for even more great ideas.

<http://www.pinterest.com/nctmillum/>



Featured Link this Month: PD 360°

PD 360° provides that largest online library of differentiated training videos for educators. The 2,000+ videos and online professional learning community of nearly 1,000,000 verified educators make PD 360° the world's largest on-demand professional development resource for educators.

Check out the following resources about **Mastery Learning**:

- Mastery through Evidence
<http://www.pd360.com/index.cfm?ContentId=4987>
- Conferencing and Scoring Evidence
<http://www.pd360.com/index.cfm?ContentId=5137>
- Evidence of Mastery
<http://www.pd360.com/index.cfm?locType=3&loc=2&thread=41582&post=1>
- Mastery for Success <http://www.pd360.com/index.cfm?joinGroup=52658>

